

1 **REDUCING THE LENGTH OF SERVO-WEDGES IN A DISK DRIVE**

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3 **ABSTRACT**

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5 A method for reducing the length of servo-wedges in a disk drive comprising a
6 concentric tracks, each track comprising embedded servo-wedges each having a track
7 identification field (TIF) and a servo-wedge identification field (WIF), wherein the
8 embedded servo-wedges are grouped into servo-wedge groups comprising a first and
9 second sub-group of servo-wedges. The method includes selecting a servo-wedge from a
10 selected servo-wedge group; storing a first subset of a track identification data (TID)
11 corresponding to a selected track in TIF of selected servo-wedge; storing a second subset of
12 TID in a first portion of WIF of selected servo-wedge if selected servo-wedge is in second
13 sub-group; storing a first wedge identification data (WID) corresponding to selected servo-
14 wedge in a second portion of the WIF if selected servo-wedge is in second sub-group; and
15 storing a second WID corresponding to selected servo-wedge in WIF if selected servo-
16 wedge is in first sub-group.